008320 "26th560

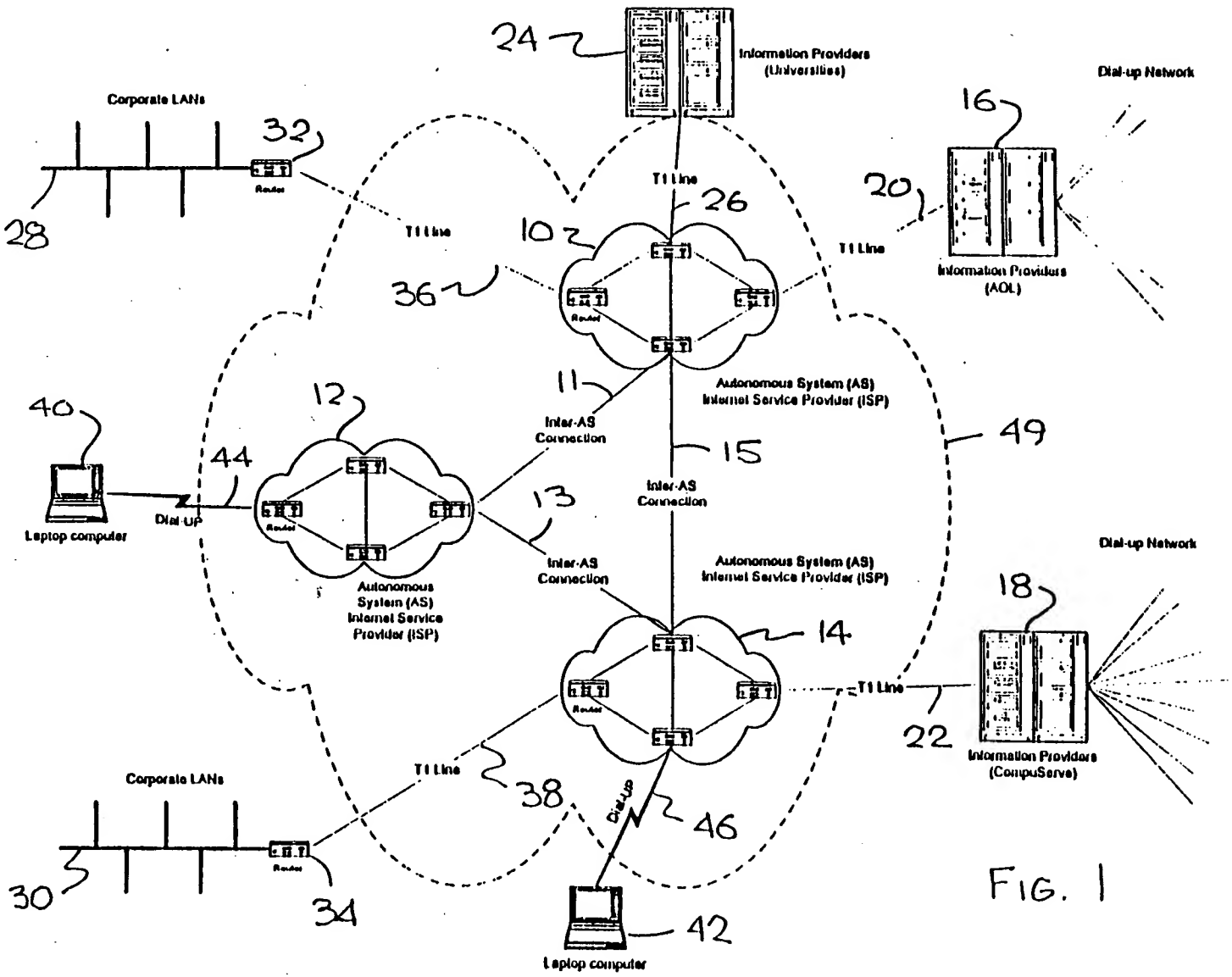


FIG. 1

006220 "T2ETS60

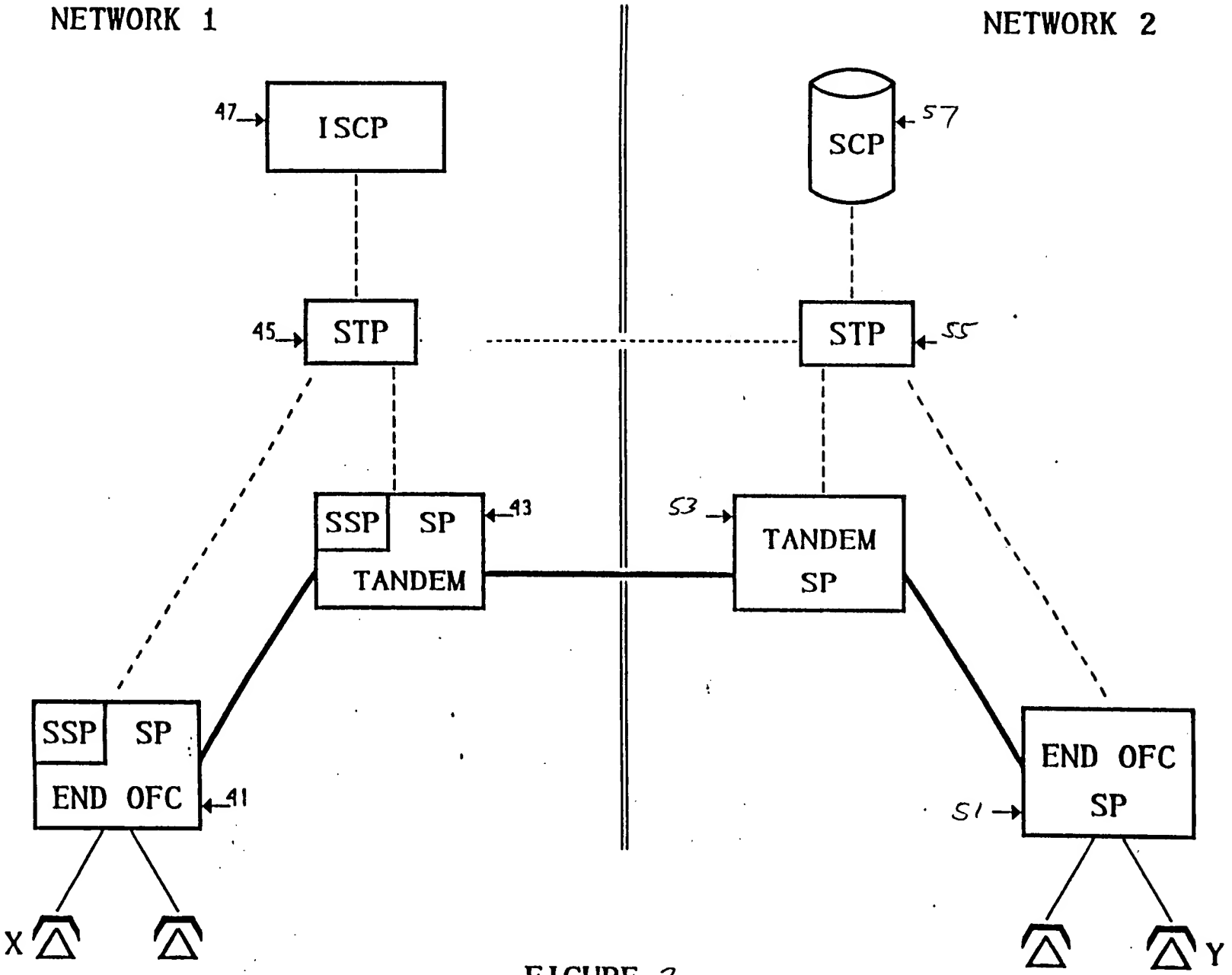


FIGURE 2

006220 "Z6T560

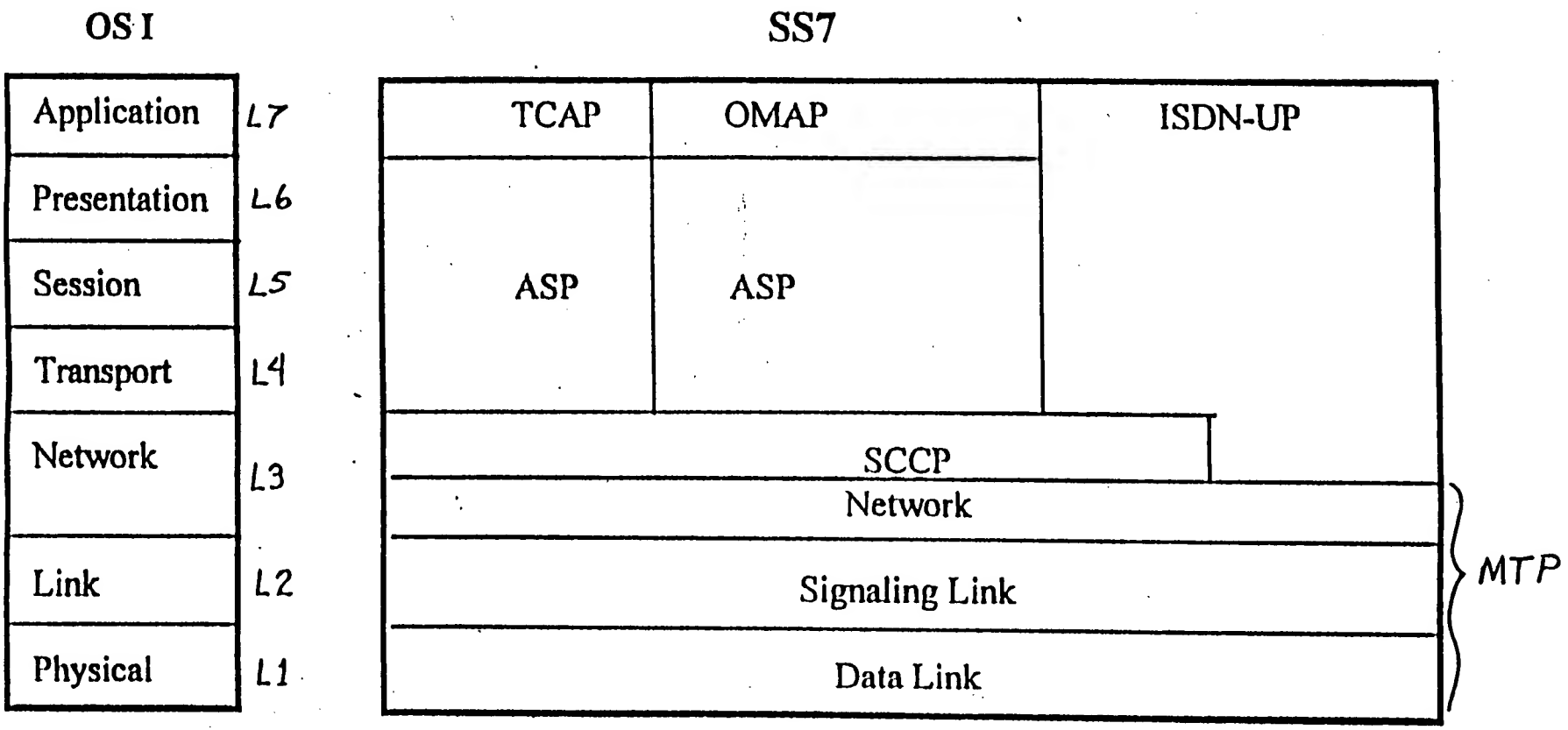


FIGURE 3

006280 "TECHTSB0

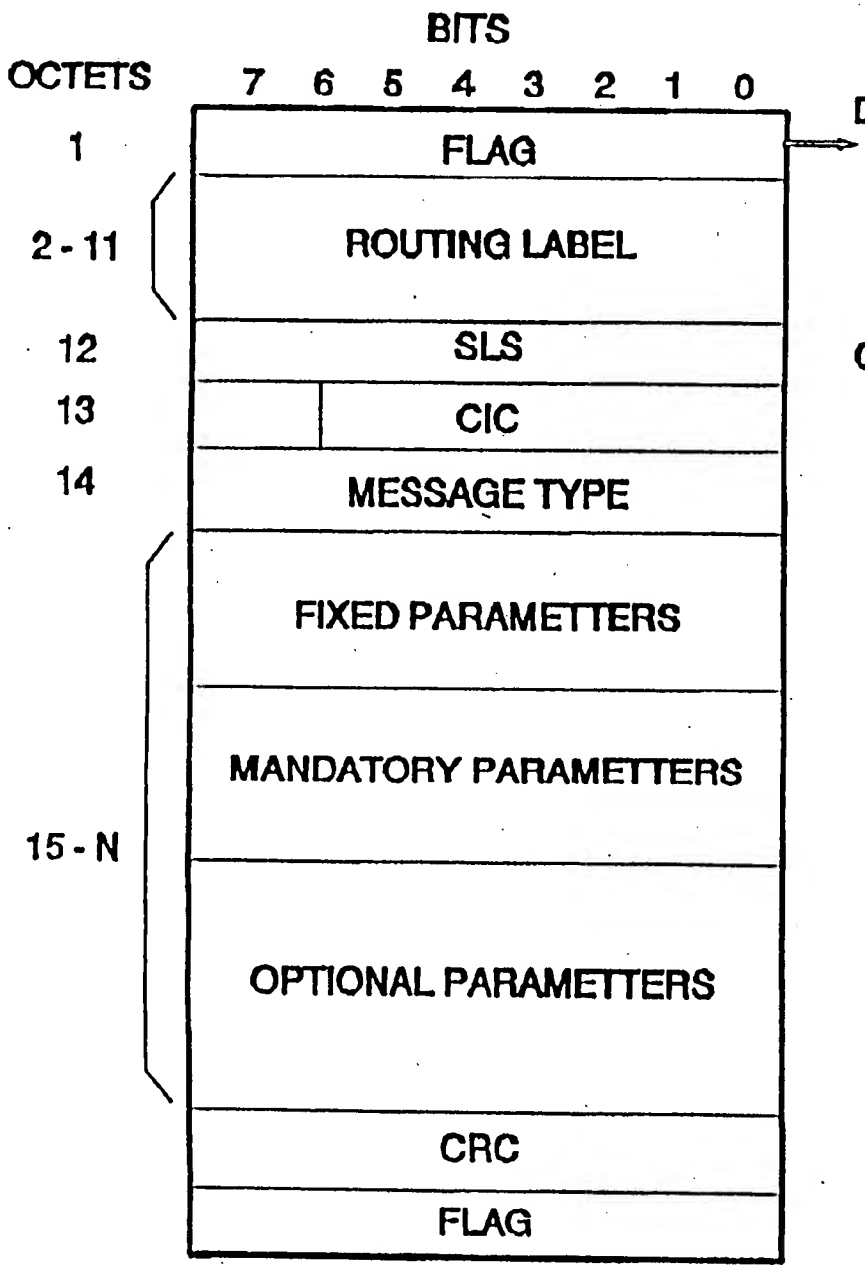


FIGURE 4

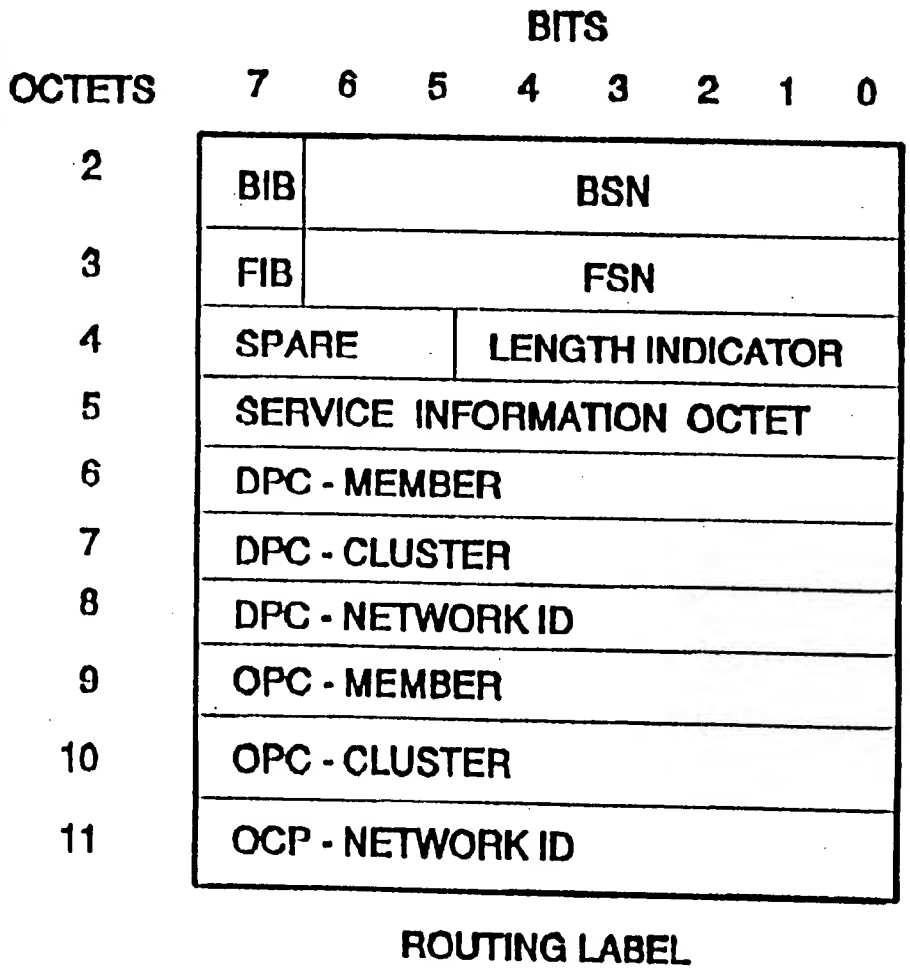


FIGURE 5

Figure 6

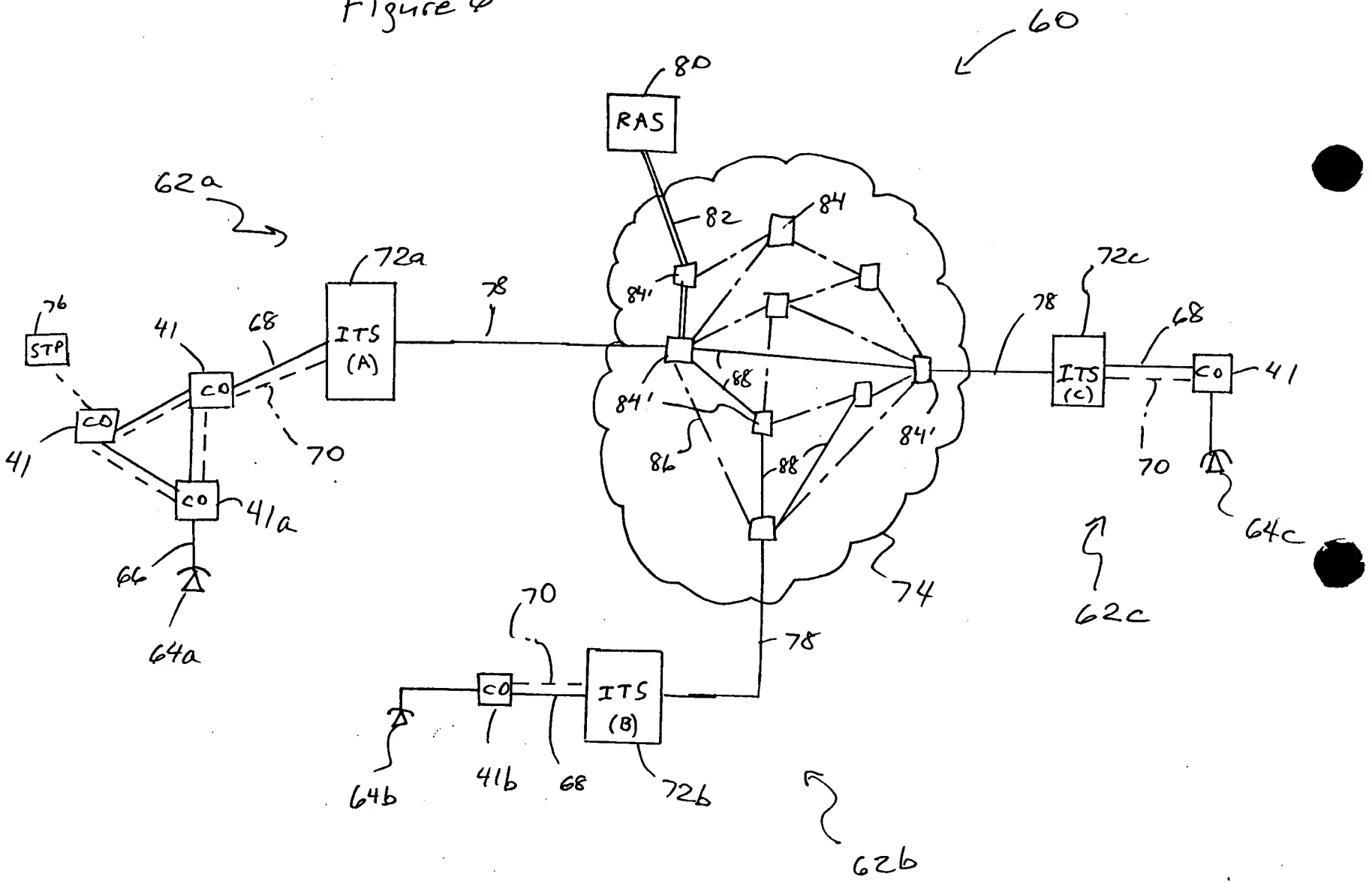

60
80
RAS
82
84
84'
62a
72a
ITS (A)
78
76
STP
41
68
CO
70
41a
66
64a
86
88
74
62c
72c
ITS (C)
64c
41b
64b
72b
62b

Figure 7

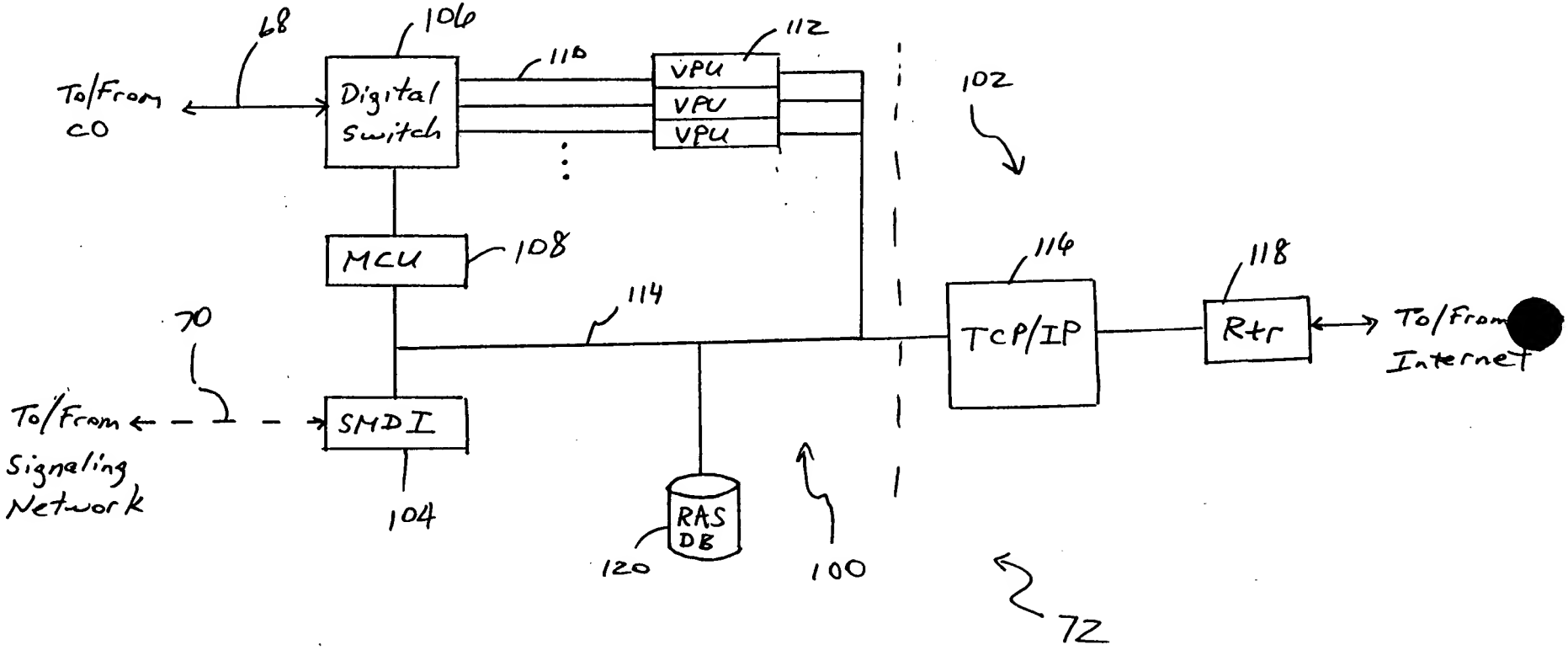


Figure 8

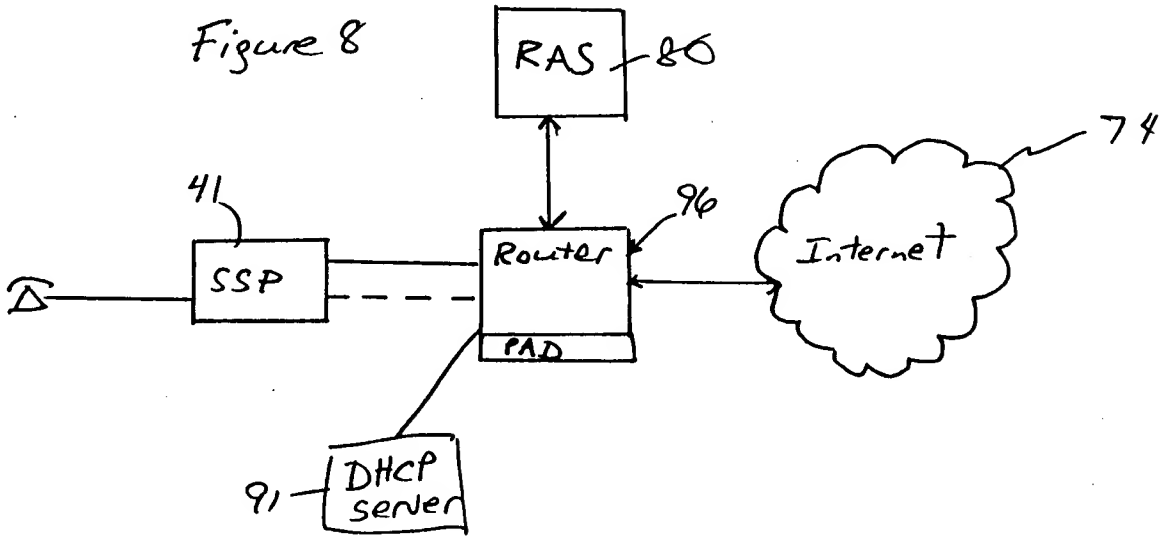
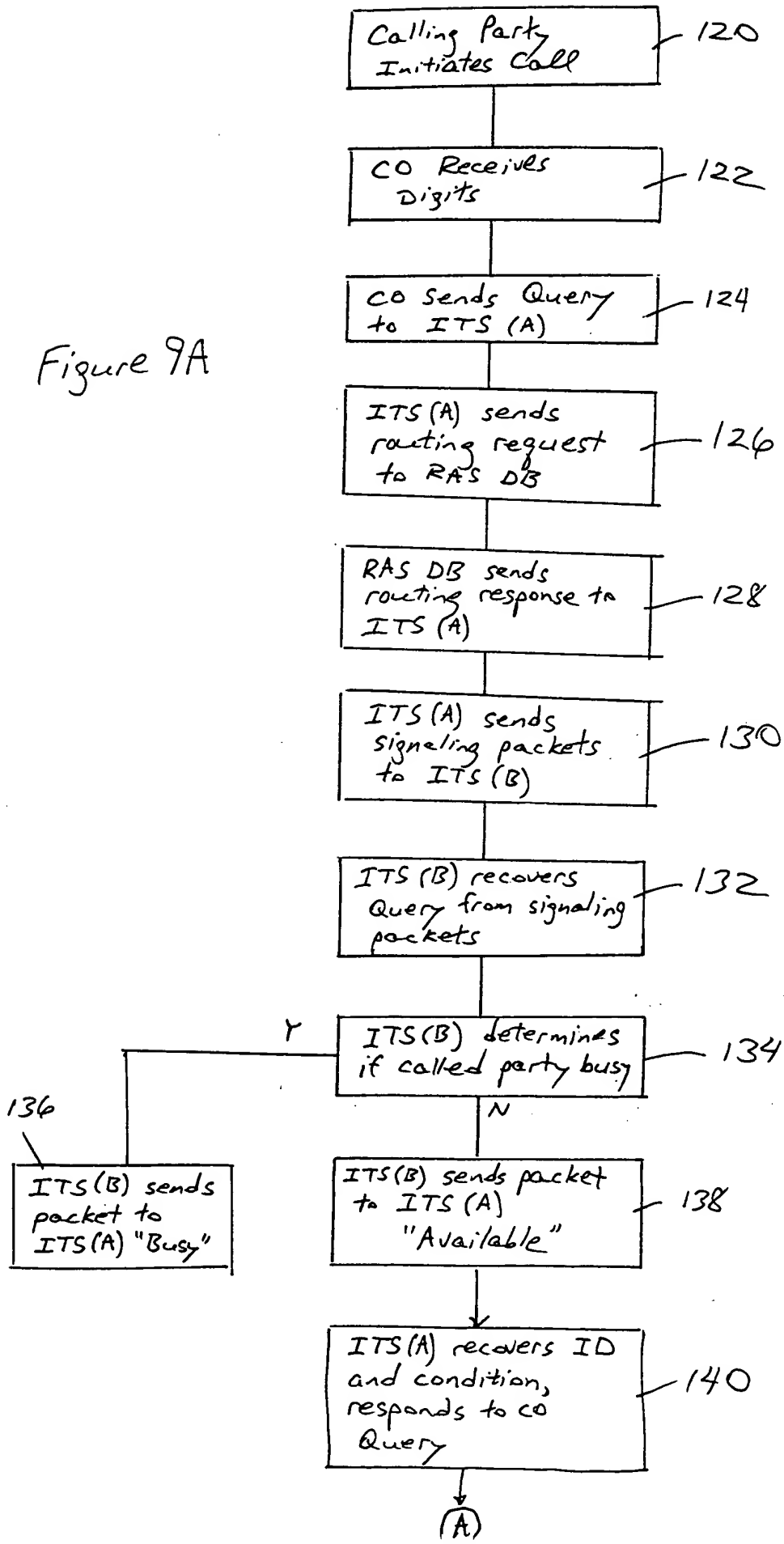


Figure 9A


Calling Party Initiates Call
120
CO Receives Digits
122
CO Sends Query to ITS (A)
124
ITS (A) sends routing request to RAS DB
126
RAS DB sends routing response to ITS (A)
128
ITS (A) sends signaling packets to ITS (B)
130
ITS (B) recovers Query from signaling packets
132
ITS (B) determines if called party busy
134
Y
N
136
ITS (B) sends packet to ITS (A) "Busy"
ITS (B) sends packet to ITS (A) "Available"
138
ITS (A) recovers ID and condition, responds to CO Query
140
(A)

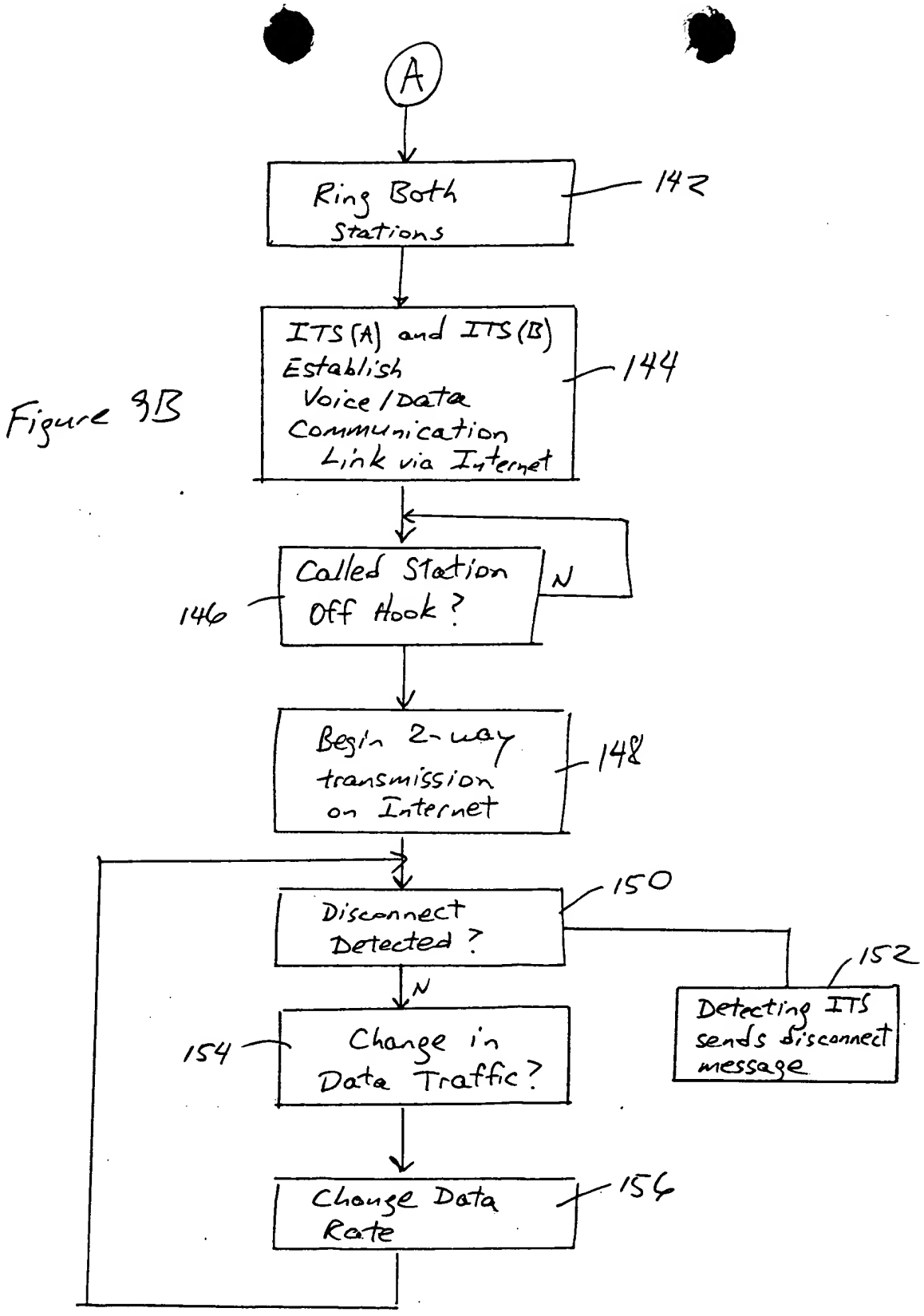

A
Ring Both Stations
142
ITS(A) and ITS(B) Establish Voice/Data Communication Link via Internet
144
Called Station Off Hook?
N
146
Begin 2-way transmission on Internet
148
Disconnect Detected?
150
N
Detecting ITS sends disconnect message
152
Change in Data Traffic?
154
Change Data Rate
156

Figure 3B

10

Figure 10A

90

Area Code	NNX	ITS Address
⋮		

Figure 10B

POP(1)	POP(2)	Total Bandwidth	Unused Bandwidth
ITS_A	ITS_B	155 Mb/s	55 Mb/s
ITS_A	ITS_C	466 Mb/s	64 Mb/s
ITS_B	ITS_A	622 Mb/s	256 Mb/s
⋮			

Figure 10C

Calling #	Guaranteed Service Level (Mb/s)

Figure 11

92

Destination	Source Node	Destination Node	Reserved Bandwidth
ITS_B	IP_1	IP_2	OC-1
ITS_C	IP_1	IP_3	DS-3
RAS	IP_2	IP_3	OC-9

Sprint Exhibit 1005
Sprint v. Level 3
IPR2015-00756